

## Unit 3, Topic 5 – Identification of Possible Solutions

The curriculum guide for this outcome states,

*“This is an idea generating activity. Evaluation needs to focus on quantity of ideas, on divergent thinking, and on student willingness to be innovative and spontaneous. Evaluation may be done during or after the process.”*

Your Microsoft PowerPoint slides should include the following items:

1. Free-hand sketches of possible solutions that depict various ideas for the prototypes, close-up details (of complex parts), and different views. Both partners should provide many, many sketches. These sketches need to be scanned (or photographed by your smart phone) and put into the presentation. Remember: Even sketches will have a border and info box on the bottom that indicates the artist, the date, the name of the course, the topic number and a title.
2. Label everything. Explain what the drawings depict.
3. TWO(2) paragraphs from each team member that captures their thinking at this stage:
  - a. What are you thinking?
  - b. Why are your drawings drawn the way they are?
  - c. What are you trying to achieve?
  - d. Do you think your designs will work?
  - e. What’s the most challenging part so far?
  - f. Have you learned anything from Topic 4 (investigation & research) that you have used in your drawings?

